

ANTI-FOG COATING
COMPOSITION, PROCESS, AND ARTICLE

ABSTRACT OF THE DISCLOSURE

[0056] An anti-fog coating composition comprises a silicone polymer or oligomer, a water dispersible polyurethane polymer or oligomer, and water. A process for forming an anti-fog film comprises applying the anti-fog coating composition to a substrate and coalescing the silicone and polyurethane compounds to form the film. In another embodiment, the process for forming the anti-fog film comprises applying the components of the anti-fog coating composition to a substrate and crosslinking the components to form the anti-fog film. The components generally include a polyol, an isocyanate, a catalyst, and a silicone polymer or oligomer.

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